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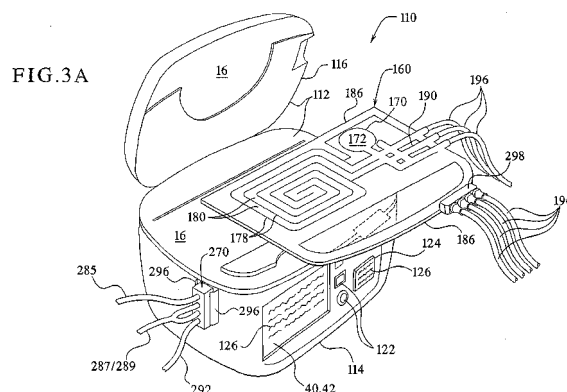
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(54) **Fluid pumping, valve and heating systems, methods and apparatuses for an automated dialysis machine**

(57) A dialysis system (10, 100) comprising: a hardware unit (110) including a pump (20) operating with a pump head (214) and a heater (16); a disposable unit (160) including a pump receptacle (172) in fluid communication with a fluid heating member (180); the hardware unit (110) and the disposable unit (160) configured such that when mated for operation, the pump head (214) comes into operable alignment with the pump receptacle (172) and the heater (16) comes into operable alignment with the fluid heating member (180); and a controller (30) including at least one memory device (32) and at least one processor (34) configured and arranged to (i) cause the pump (20) to move the pump head (214) towards and away from the pump receptacle (172) for pumping dialysis fluid and (ii) cause the heater (16) to heat the dialysis fluid heating member (180) to a desired temperature based on a voltage input into the system.





EUROPEAN SEARCH REPORT

Application Number
EP 10 00 9833

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
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Place of search		Date of completion of the search	Examiner
The Hague		29 March 2012	Lakkis, Angeliki
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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